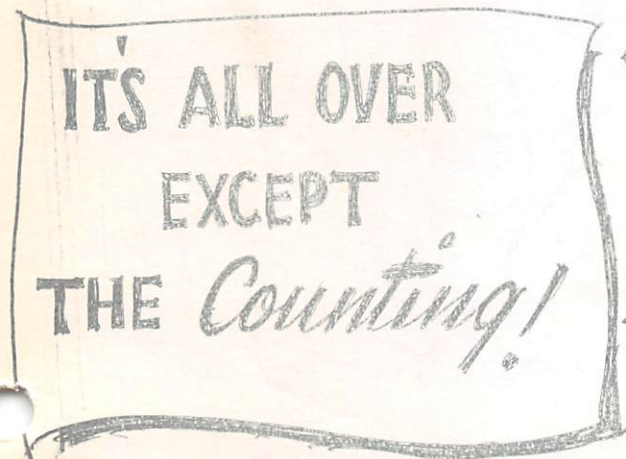
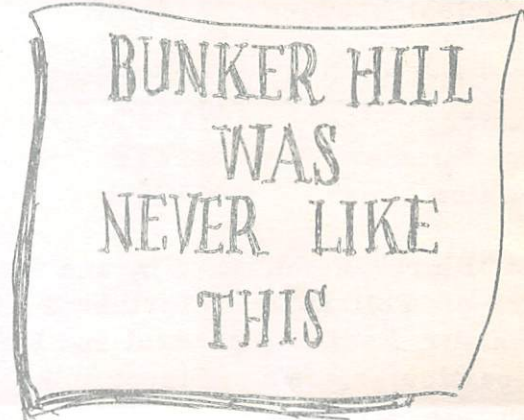
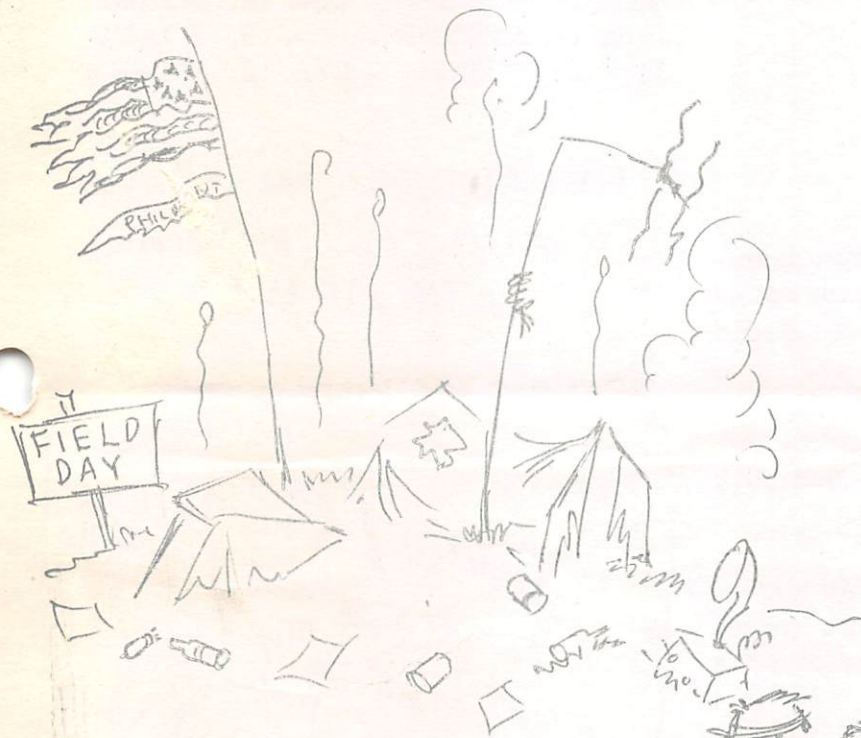




THE BLURB

A.R.E.A. MEMBER

PHILMONT MOBILE RADIO CLUB INC.



VOLUME 13

NUMBER 7

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The "Blurb" is published by and for the members of Phil-Mont to further the interest of Amateur Radio in general and Mobile Radio in particular. We endeavor to keep the news accurate, interesting and in a small way educational. Copying and quoting is permitted and subscriptions are gladly exchanged with other radio clubs.

DEADLINES

The "Blurb" is mailed on the last Monday of the month. All material for the "Blurb" must be received by the Editor, K3KUD before the 15th of the month.

1963 CLUB OFFICERS

President Charles Greenwood W3GOW
Vice President Enos Bartol K3GNJ
Treasurer George Weed W3MHR
Secretary Joseph Elmaleh K3HIJ
Directors: W3VVS (E63); W3QQH (E64);
K3DJE (E65); W3CDY(A); W3NIP(A);
and all 1963 Club Officers.

New members chairman: W3DSG

NET AND NET FREQUENCIES

Channel 1 - 29493 kc Channel 3 - 147.78 mc
Channel 2 - 29629 kc Channel 4 - 50.7 mc
Orange Juice Net) Weekdays 0700 - 0730
Scrambled Egg Net) 0730 - 0830
Ten on Ten Sundays 1000 - 1100
Blarney sessions anytime All Channels
29493 kc 0930 - 2400
Monitored daily for the benefit of mobiles in
the Philadelphia area.

P M R C CALENDAR

MEETINGS

Regular Meetings: First Monday
of each month.

Time: 2000 hours (8:00 p.m.)

Place: FRANKLIN INSTITUTE
20 & Benj. Franklin Parkway

MID-MONTH SCHEDULE

Mar. 13, W3EQV - Aug. 14, W3DJW
Apr. 17, W3WNC - Sep. 18, W3HFD
May 15, W3GOW - Oct. 16, W3AWH
June 12, K3KUD - Nov. 13, W3ADF
July 17, W3NIP - Dec. 18, W3MHR

REMEMBER! YOU SAW
IT FIRST..... IN THE
BLURB!

Sam's CORNER



WATCH THIS SPOT
NEXT ISSUE!

- THE PREZ SEZ -

Vacation time affords us a special opportunity to enjoy one of the privileges of mobile amateur radio---the pleasure of meeting Hams in other parts of the country. Last summer, the XYL and I had a good time, mobiling through the Maritime Provinces of Canada. Most of the activity up there was on 3750 kc, where they will answer CW, AM or SSB. As a visiting Ham from the "States", I was cordially welcomed on the "Maritime Net", whose calling frequency seems to be monitored most of the hours of the day and night. I had a number of good QSL's with Hams in New Brunswick, Nova Scotia, and Prince Edward Island. On Prince Edward Island, where the population is sparse, and the Hams even "sparser" we had a pleasant visit (both on the air and in person) with a Ham from Montreal who was tent-camping with his XYL and family in a beautiful spot on the north shore. We also stopped by to meet in person a very active Ham at the T.V. relay station he operates near the one large city in P.E.I. We talked Ham radio with him while he kept one eye on the monitor and ate his lunch. We also made a special excursion into northern Nova Scotia to accept an invitation from VE1RD, a friendly Scotchman, to have "a spot of tea and a wee biscuit" with him and his XYL.

These friendly contacts with the local Hams, both in person and on the air, added a great deal to the pleasure of our trip, and Lucy and I are agreed that we'd like to go back this year and meet our Maritime friends again.

Added notes: In the Provinces, the Hams say "mo-bile", to rhyme with file", but otherwise the language is the same!

Also, the Hams in Maine operate around 3950, plus or minus 10 kc. Bangor has a 10 meter net operating on 29520.

We would like to hear from others who have had experiences while in other sections of the country.

* * * * *

IT SEEMS TO ME

Now that Field Day has come and gone, the next "item of business" is the vacation season. We hope that each of our readers will have a very enjoyable and safe vacation, in whatever manner he chooses. The club has some very ambitious plans for the fall and winter seasons, and there should be enough work to be done to keep a lot of us happy and busy. The Banquet Committee is already at work; the Communications Truck Committee has some plans, and the Overbrook School Committee will be in high gear, to mention a few. Let's all get behind these projects and keep Phil-Mont going and growing.

de K3KUD

CLUB NEWS AND ACTIVITIES

The June Meeting featured a talk on radioteletype by Dick Urian, W3CRO. This is a side of amateur radio in which more and more Phil-Monters are apparently becoming interested and Dick's effort was very well received. A short auction was also held to dispose of some small items remaining from the estate of W4LSC. The auction provided the members in attendance with some humor and netted \$37.00 for Mrs. Hauser.

Twenty-two Phil-Monters and their guests attended the North Penn Radio Club Banquet and from all reports a good time was had by all. The Phil-Monters did very well in the prize department (as usual) and good food and fun was the order of the day.

The Editor would like to take this opportunity to congratulate Bob Guest, W3JSA, co-editor of North Penn's "Static", on his being voted the North Penn "Man of the Year".

June mid-month meeting was held at the QTH of K3KUD and of course the main topic of discussion was Field Day. How successful the discussions and effort behind the Field Day scene will be, only time will tell, but certainly the committee has done a terrific job, as always. W3QQH asked for and received funds for the purchase of a crystal for the frequency meter to permit setting-up 6 meter FM channel on 52.525.

The club is looking for a liaison station between Phil-Mont and the Philadelphia County AREC group. Volunteer(s) please contact W3GOW.

The July meeting will feature a debate (formal type) on the pros and cons of incentive licensing. Members of other clubs are invited and all visitors are most welcome.

W3CDY reports that W3TKQ has been averaging thirty visitors per month.

* * * * *

IN CASE OF AIR RAID ---

A report from the Oak Ridge National Laboratories states that tests which have been conducted there indicate that alcohol increases the body's tolerance for radiation. Other tests made on animals shows that eating ground glass will have the same effect. In light of the above, it would seem that a fellow who drinks everything in sight and then eats the bottles should have a pretty fair chance in case of atom bomb attack. One thing for sure, after a diet like that he wouldn't much care if the bomb drops or not.

* * * * *

THIS AND THAT

CB (Childish Broadcaster?) at work. A Racine, Wisconsin court recently sentenced John Jacobs to 21 days in jail for going on the air (CB) with the wrong kind of joke. He touched off a search in Lake Michigan by yelling into his car radio, "Mayday, mayday, I'm over the lake and dropping fast".

* * * * *

Technical Stuff: Ever run across a few variable capacitors, in the junk box, with bent plates? Trying to straighten them is no easy matter, but try this idea. Use an auto mechanic's feeler gauge to restore the proper clearances to shorted or bent plates. A gauge leaf, or a combination of gauge leaves will correspond to the normal plate clearance. To restore parallelism, just insert the leaf (or leaves) between the out of true plates and slide the gauge back and forth.

(Thanx to W3VSD)

* * * * *

POETRY DEPARTMENT

Where is the Ham who now can say
I helped with Field Day the Phil-Mont way-
We pounded and called for the full twenty-four-
and now here it is just once more
"CQ Field Day"

de W3QQH

The above little gem was lifted by K3CEE from the September, 1957 "Blurb" and reveals another talent of Spence's that we didn't even know about.

* * * * *

SWAP AND SHOP

For Sale: Polycom 62-B; Complete transceiver for six and two meters (Mobile and fixed.) Excellent condition. This unit is less than 8 months old.

Make offer

Jack Mahoney,
W3DJW

For Sale: Pentron Tape Recorder. Monaural, two-track. Complete with mike, tape and empty reel. Six years old. Good condition.

\$45.00

Al Ciampaglis,
W3VSD

For Sale: Elmac AF-67 Transmitter; 12 volt, DM35 Dynamotor and 110 vac power supplies. Gonset Superceiver, super-six converter and noise clipper. Complete package.

\$170.00

(Will consider selling various parts or combinations if necessary).

Karl Krech,
W3BS

* * * * *

SWAP AND SHOP (Continued)

For Sale: From the estates of former Phil-Mont members.

Collins KWS-1 SSB Transmitter	\$800.00
Collins 51-J-4 Receiver #685	\$500.00
Rack mounted phone patch	\$ 15.00
National HRC 50-T w/spkr and coils	\$175.00
Heath DX-100 transmitter	\$125.00
Turner 80-X microphone	\$ 5.00
Heath FM-4 FM tuner with AFC	\$ 25.00
Heath EA-2 Matching 14 watt amplifier	\$ 25.00
GE 14ES14A1 450mc Trans/Recvr w/2-2C39	\$ 20.00

Contact Jim Spencer, W3QQH
Phone: 884-8469

For Sale: (or trade for page printer)

Teletype Corporation Airborne Printer and keyboard
Model 31 for use with tape printing.

Contact Jim Spencer, W3QQH
Phone: 884-8469

For Sale: Morrow Converter, Model 5BR, mint condition.
Never used. \$ 35.00

Lafayette 6 meter transceiver, model HE-35
w/12 volt power supply and 50.2 xtal. This
unit is practically news. \$ 50.00

Contact Bob Diefenderfer
K3DJE
Phone: BR 5-6117 or HO 5-1000, x-3447

LATE ADDITION TO THE LATE EDITION

The following have been approved for membership in the club:

W3PXW, Jack Delmar; K3LDQ, Gil Cooper and K3ABT, Mel Lucas.

We are very glad to have the above named fellows as regular members
and hope that we will continue to hear them on the frequency.

W3QQH is about to order embroidered jacket patches bearing the Phil-Mont emblem. Anyone interested in obtaining one or more of these patches should let Jim know if you have not already.

CHANNEL CHATTER

We hear that Bob, K3CEE, is afraid to put the top down on his car while in the city. Seems that passersby think the car is an ashtray--Charlie, W3GOW, is back on Channel 1 with a new car and mobiling like mad--Barney, W3CW, has joined the stations who monitor Channel 1 during the day. Barney has a rig installed in his shop now--Carl, W3SGR, is reputed to be the fastest QSO man on the Channel--Barbara, daughter of Enie, K3GNJ, finally received that long awaited piece of paper with the word "General" on it--whewee, we all sweated that one out--Wayne, WN2GBJ, sends his thanks to Jim, W3QQH, and Enie, K3GNJ, for the fine job they did putting up his antenna.--We hear that the preparatory work done by Wayne was rather fabulous too--Rumor has it that Al, W3VSD, really lives on the Expressway--everything you hear him, that's where he is--Ernie, W3DSG, seems to have trouble making the number of available cars and mobile rigs come out even--either sell two mobiles or buy two cars, Ernie--Charlie, W3YJM, is sporting a new mobile rig--glad to hear you back on the air Charlie--Reading Radio Club gave the Phil-Mont May meeting a very nice write-up in their club paper--Enie, K3GNJ, not content to commute between Philadelphia and Baltimore is also commuting between Baltimore and Washington--If Bob, K3CEE, thinks for one little moment that moving to 29.3mc (so he could help a newcomer make the first contact) went unnoticed, he is so-o-o wrong!--Well, that wraps it up for this month.

* * * * *

SPACE NOTES

Cosmos 18, Russian satellite launched May 24 of this year, is in a 150 mile orbit and is transmitting on 19.996 mc.

A UHF command receiver dropped 250,000 feet from a high altitude rocket, suffered only minor physical damage. The superhetrodyne receiver continued to operate satisfactorily on 2 of its 4 channels. The radio was a Model R-420, manufactured by Advanced Communication Co. of Chatsworth, Calif.

The Soviet Union has admitted loss of contact with its Mars-1 probe on March 21. All attempts to re-establish contact have failed to date. Mars-1 was to arrive in the vicinity of the planet Mars about June 19.

In keeping with the general speed-up of things electronic, Westinghouse has announced a device which, by the use of a photographic typesetting machine will place lines, symbols and words on a photo film. It is estimated that this device will reduce by 75% the hand drafting of wiring diagrams.

* * * * *

The Copperweld Steel Co., Wire and Cable Division, Glassport, Pa., has a book available for the asking. The book is titled "Practical Grounding" and contains some very good information on lightning protection.

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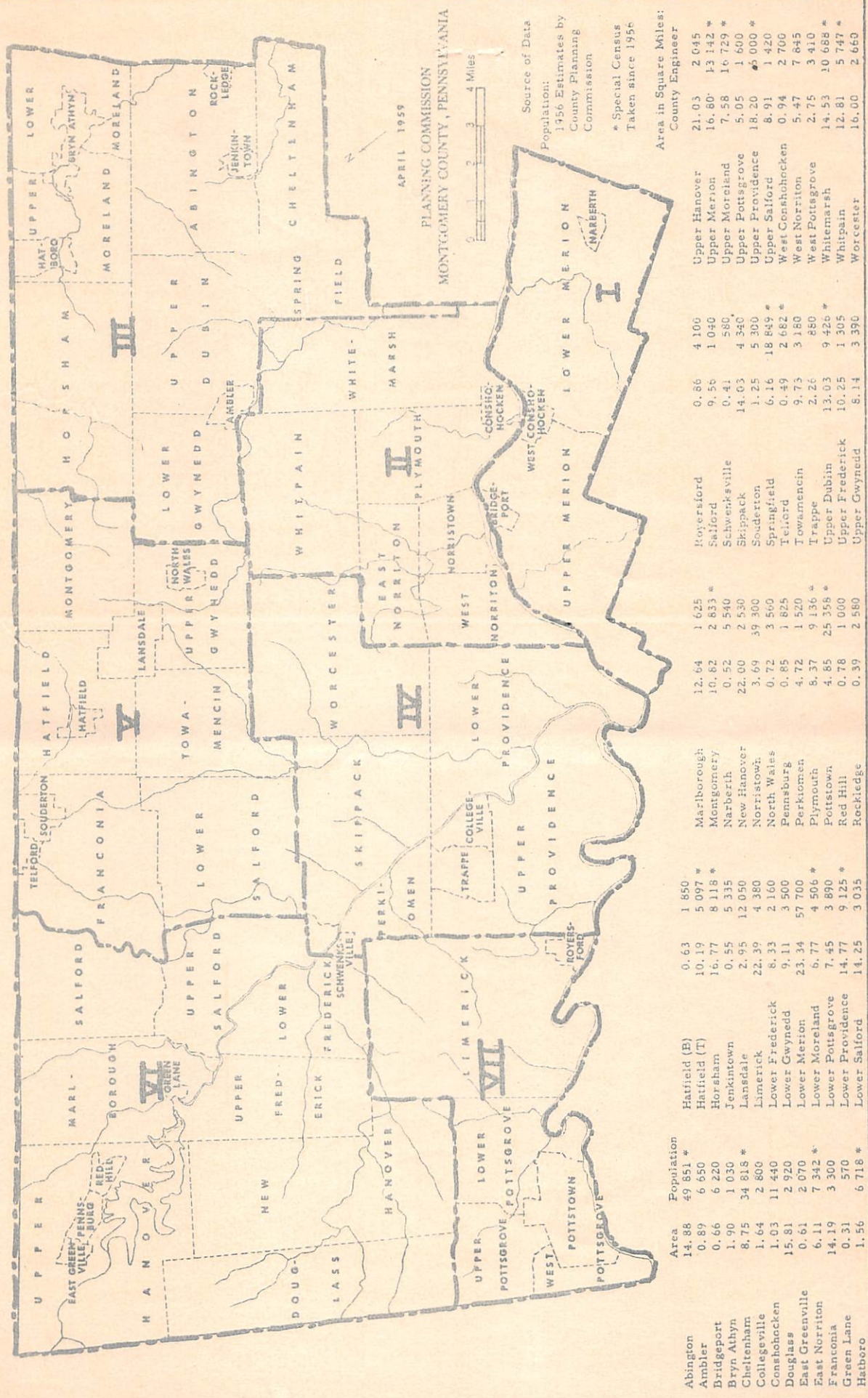
V H F R O S T E R

The following is the final compilation of data furnished by the membership regarding VHF capabilities of Phil-Mont stations:-

<u>Call</u>	<u>Band(s)</u>	<u>Fixed/Mobile</u>	<u>Antenna</u>
W3ADF	2m; 6m	Fixed	vert
W3ADV	2m; 6m	Fixed	vert/hor.
W3APD	2m	Fixed	vert; hor.
K3AWC	6m	Fixed	vert; hor.
W3BS	2m	Fixed	horiz.
W3BSG	2m; 6m	Fixed	vert; hor.
W3DJW	2m; 6m	Fixed/mob	vert.
K3EID	2m; 6m	Fixed	vert; hor.
W3EQV	2m; 6m	Fixed/mob	horiz.
W3EXY	2m	Fixed	
K3EZJ	2m; 6m	Fixed/mob	vert.
W3FLP	2m; 6m	Fixed	vert.
W3FOG	2m	Fixed	vert.
W3FTZ	2m	Fixed	horiz.
W3HPY	2m; 6m	Fixed	vert; hor.
K3HWX	2m	mobile	vert; horiz.
W3IRS	2m	Fixed	vert.
W3JIL	2m	Fixed	vert.
K3KDP	2m	Fixed	vert.
K3KUD	2m; 6m	Fixed	vert.
W3KV	2m; 6m	Fixed	vert/hor.
W3LEM	2m; 6m	Fixed	vert.
K3NYN	6m	Fixed/mob	vert.
K3OEJ	2m; 6m	Fixed/mob	vert/hor.
W3PBR	2m	Fixed	vert.
W3PWG	6m	Fixed/mob	vert.
W3QQH	2m; 6m	Fixed	vert.
W3QV	2m	Fixed	vert.
K3RKH	2m	Fixed/mob	horiz.
W3RQZ	2m; 6m	Fixed/mob	vert.
K3SZJ	2m; 6m	Fixed	vert.
W3UMK	2m; 6m	Fixed	vert/hor.
W3UQV	6m	Fixed/mob	vert.
W3UZF	2m	Fixed	vert.
W3VVS	2m; 6m	Fixed	vert.
K3UWO	6m	mobile	vert.
W3VSD	2m; 6m	Fixed (6m mob)	vert.
W3WNC	6m	Fixed	vert.

The Editor sincerely thanks Bob Cox, K3CEE for his assistance and cooperation in gathering the above data. The list is as accurate as possible, but subject to change or correction at any time. - Ed.

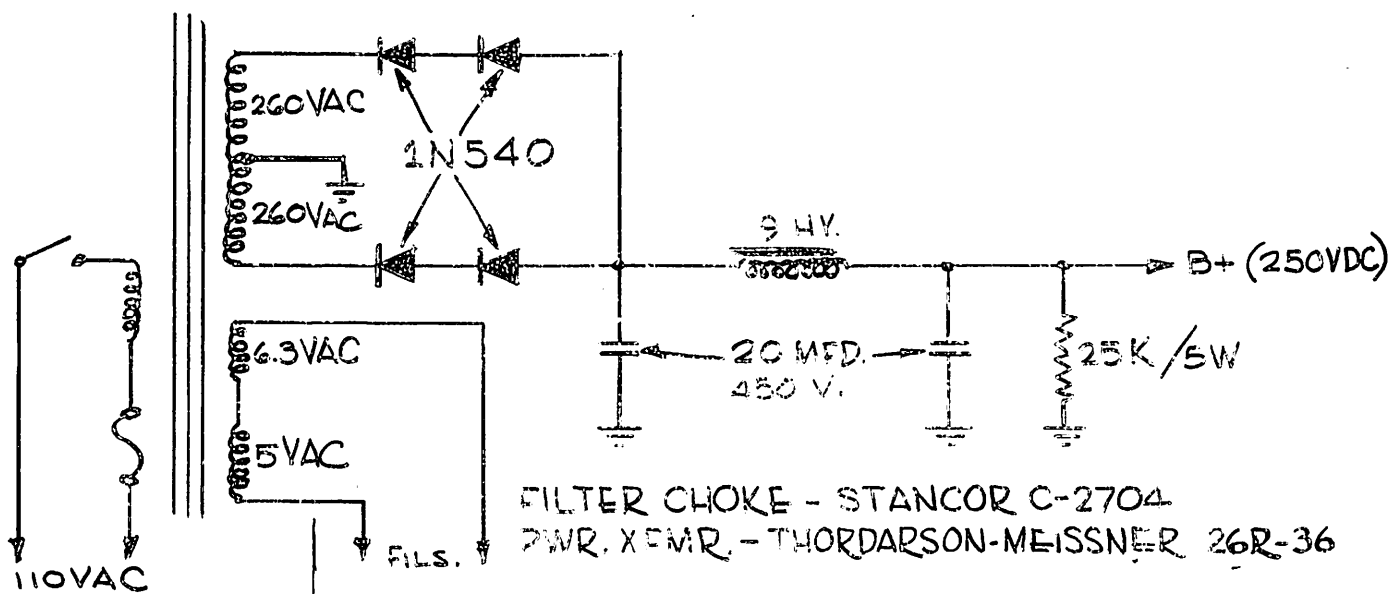
TOWNSHIPS AND BOROUGH OF MONTGOMERY COUNTY, PENNSYLVANIA



CIVIL DEFENSE SECTORS

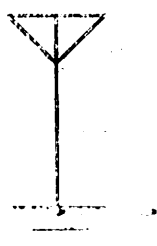
PHILMONT TEK-NI-GRAM JULY-1963

ARC-5 CONVERSION(P.T.5) - POWER SUPPLY



THIS IS THE LAST OF THE SERIES ON THE CONVERSION OF THE ARC-5 TO A MONITOR RECEIVER. A RESUME OF THE ENTIRE SERIES IS AS FOLLOWS —

MARCH '63	- PT. 1	UNMODIFIED SCHEMATIC (ARC-5)
APRIL	" PT. 2	I.F. SECTION
MAY	" PT. 3	SQUELCH & AUDIO
JUNE	" PT. 4	CONVERTER
JULY	" PT. 5	POWER SUPPLY



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